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**CENTRAL FAX CENTER**From: Texas Instruments Incorporated  
Facsimile: 972-917-4418  
Phone: 972-917-4363**DEC 06 2005****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant: Michael A. Lamson  
Serial No: 10/724,497  
Filed: 12/1/2003  
Docket No.: TI-28674.1  
Conf. No.: 9993  
Customer No.: 23494**CERTIFICATION OF FACSIMILE TRANSMISSION**

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<b>NAME OF INVENTOR(S):</b> <b>Michael A. Lamson</b>		<b>RECEIPT DATE &amp; SERIAL NO.:</b>
<b>TITLE OF INVENTION:</b> <b>STRUCTURE AND METHOD OF HIGH PERFORMANCE TWO LAYER BALL GRID ARRAY SUBSTRATE</b>		<b>Serial No.: 10/724,497</b>
<b>TI FILE NO.:</b> <b>TI-28674.1</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>	<b>Filing Date: 12/1/2003</b>
<b>FAXED: 12/06/2005</b>		
<b>DUE: ---</b>		
<b>ATTY/SECY: lgs</b>		

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I hereby appoint:

☒ Practitioners associated with the Customer Number:

**23494**

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 3.73(b).

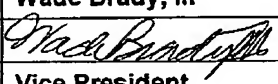
Assignee Name and Address:

**Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265**

**A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.**

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	<b>Wade Brady, III</b>		
Signature		Date	<b>12/6/05</b>
Title	<b>Vice President</b>	Telephone	<b>(972) 917-4371</b>

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FEES TO THIS ADDRESS. Send to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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TI-28674.1

## STATEMENT UNDER 37 CFR 3.73(b)

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CENTRAL FAX CENTERApplicant/Patent Owner: Texas Instruments Incorporated

DEC 06 2005

Application No./Patent No.: 10/724,497 Filed/Issue Date: 12/1/2003Entitled: STRUCTURE AND METHOD OF HIGH PERFORMANCE TWO LAYER BALL GRID ARRAY  
SUBSTRATETexas Instruments Incorporated, a  
(Name of Assignee)Corporation  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_ %  
In the patent application/patent identified above by virtue of either.

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 11113, Frame 316, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Texas Instruments Incorporated

  
SignatureWade Brady, III  
Printed or Typed NameVice President  
Title12/5/05  
Date(972) 917-4371  
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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